

1973.12

James Slosson named acting state geologist

Sacramento—James E. Slosson has been named acting state geologist and acting chief of the Division of Mines and Geology.

He was appointed following the resignation of Wesley Bruer.

In May 1973, Slosson joined the division, replacing Gordon B. Oakeshott who retired as chief deputy geologist in 1972.

Native Californian

Slosson is a native Californian and attended the University of Southern California where he obtained his Bachelors, Masters, and doctorate degrees in geology. He also earned three letters in track at USC.

Slosson later joined the faculty of Los Angeles Valley College, teaching geology and coaching the track team. From 1954 to 1962 he was assistant track coach for USC.



James E. Slosson

Slosson's early geologic experience included employment with the U.S. Geological Survey, Department of Water Resources, and the Gulf Oil Corporation. Before entering state service, Slosson directed the work of James E. Slosson & Associates, a

Hunter on management

This month Ray Hunter discusses upgrading management training at all levels in the department. Goals for 1975 are set. The director's message is on page 2.

consulting geological firm which he formed in 1958.

Slosson is also a registered geologist in California, Idaho, and Arizona, as well as a certified engineering geologist in California.

Professional activities

Slosson is currently vice president of the California section of the American Institute of Professional Geologists; National chairman of Legislative Committee, Association of

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Corps offers vet training

Sacramento—Veterans can now join the Ecology Corps and receive on-the-job training for careers in fire protection and conservation practices.

Under a joint U.S. Veterans Administration and CDF program, veterans will receive a monthly pay of \$125 as ecology corpsmen and an additional \$160 training allowance from the federal government. The new program requires that the veteran:

- Was discharged from the service under conditions other than dishonorable.
- Was on active duty since January 31, 1955.
- Is between 17 and 31 years of age.

At the conclusion of the 12-month training program, corpsmen will be eligible to take civil service examinations for such positions as fire control aide, fireman, fire apparatus engineer, and park aid.

The California Department of Veterans Affairs and Division of Apprenticeship Standards are also participating in the program.

Fuel crisis

New energy unit formed

Sacramento—A fuel allocation unit is being formed within the Division of Oil and Gas.

The new unit will be responsible for the daily allocation of approximately 1,250,000 gallons of middle distillate fuels - diesel oil, jet fuel, and home-heating oil - to meet fuel oil emergencies in California.

Under the Federal "Mandatory Allocation Program for Middle Distillate Fuels," each state can recommend future fuel distribution - to alleviate "exceptional hardships" - up to ten percent of the federal allocation of fuel to wholesale purchasers within the state.

The unit will have a staff of eight, including two "screeners" and two "investigators."

Marion Mefferd, the division's energy officer, will head the unit.

Department of Conservation

COMMUNIQUE

Vol. IV No. 6

Sacramento, December 1973



The governor accepts—Standing to the side of an S-2 Firebird in San Diego, Gov. Ronald Reagan accepts the aircraft's logbook from Vice Adm. Robert B. Baldwin as Ray Hunter, director of the department, looks on. Six Navy aircraft were turned over to the department for air tanker use October 25.

Pilliken and Granite

Aerial seeding completed

Fresno—Aerial seeding of 43 tons of ryegrass seed has been completed on erosion-sensitive slopes of the Granite and Pilliken fires. Harold "Bud" Wolfram, CDF watershed specialist, said that flood debris and erosion problems on the 13,351 acres of burned timberland appear to have been checked by these emergency revegetation projects.

All CDF foresters and trainees in the South Sierra District took part in the actual reseeding work. Each project was handled in three days of flight time with CDF and U.S. Forest Service field teams cooperating in checking proper ground coverage. Inmates from the Growlersburg and Baseline conservation camps loaded seed aboard aircraft operating from Pine Lakes and Placerville airstrips.

Costs were held to \$3.21 per acre for the Granite fire which burned almost 8,000 acres and to \$3.37 per acre for the 5,382 acres of the Pilliken fire. Six pounds of ryegrass were applied to each acre. Perennials were added by the U.S. Forest Service on

federal lands burned in the Granite Fire.

Cooperating in the project were the American Forest Products Corporation, Michigan-California Lumber Company, Pickering Lumber Company, Pacific Gas & Electric Company, and two individual landowners.

Hand held



Bill Welty (right) shields the camera operated by Ken Chaney as they film Ecology Corps television commercials near Auburn. A story is on page 5.

214.065

From the director....

After reviewing the department's past management training program, it became clear to me that much could and must be done to upgrade management training at all levels in the department. Since our past performance has lacked a well-defined objective, I requested the state forester to develop a management development training objective and propose a plan to implement a sound and effective department program that would be fully operational by June 30, 1975.

The objective will be to teach management concepts and techniques in the early days of an employee's tenure, at his job level or at a time when he is eligible and being considered for promotion to that job level. Ideas and concepts will be taught which require a change in behavior consistent with sound management concepts and the department's rules, regulations, and policies. Line and staff employees will provide input during program development and post-evaluation.

Sound goals

The program will be developed with sound behavioral goals and objectives and be implemented to assure maximum acceptance and voluntary participation. An evaluation model will be prepared and used to measure the success or failures of the program. Above all, the training must reflect the current needs of the employee, so he can apply management principles and techniques to his job.

At this time, the department has neither the resources or time to develop and conduct professional management training internally. Therefore, a management consultant is being hired to develop the program and to continually evaluate and update it.

The plan

The consultant, Hank Meyer, of the Northern California Institute of Local Government, a regional training center, and Walter Bolster, a staff manpower services officer, will have completed by December 30, 1973 an evaluation of management training needs for the department. They will prepare the behavioral goals and objectives an evaluation to measure results, and course outlines and materials to be used. Many of you will or already have met these gentlemen as they make their rounds throughout the state to receive input for the program.

After the management training needs are defined and the level determined at which to train, the first training courses will be held during February, March, and April of 1974. The number and type of course and methods to be used are yet to be determined. By the end of June 1974, we will be well on the way with a tested program for the following year which will have your evaluations incorporated into it.

It is my personal desire that the program will meet your needs on the job and make better managers out of all of us. If at anytime you feel the need to criticize or compliment the program, please do so - I will personally receive your comments and act accordingly on them. We have established high objectives which we can and will meet.

Ray B Hunter

Off the coast

Serene, rare and sinkable

By Bill Weaver

Santa Clara Ranger Unit

DM&G undertakes seismic studies

Sacramento—Studies of the seismic nature of parts of the San Andreas, Elsinore, and other faults in the San Diego area are being made by the Division of Mines and Geology.

According to Rudolph Strand, acting executive officer, the study "is part of an effort to further our understanding of the seismic hazard in the densely populated parts of Southern California."

Strand also said that the division is working with the counties of Santa Clara, Sonoma, Orange, and Los Angeles to inform local government of the "geologic hazards that must be faced during the planning and development phases of urbanization."

Geology renewal

Sacramento—The October issue of *California Geology*, a publication of the Division of Mines and Geology, contains the yearly renewal form.

Carrying with it the admonition, "Avoid the Rush, Renew Now," the form, reports the division, is being returned at a rate of 200 to 300 each day.

Santa Cruz—The telephone rang. It was five in the morning. Mrs. Ellis Severiette, wife of the Fire Captain from Sunol Fire Station answered it. The voice said, with some reluctance: "all off-duty personnel are being called back on duty. Would you tell your husband?"

In his boat, eight miles off the Santa Cruz coastline, Ellis was relaxing with fishing pole in hand, enjoying the serene, rare independence.

From the nearby fishing fleet, Ellis noticed a man watching him through binoculars. This continued for almost an hour. Was the Department of Fish and Game interested in his activity? He was beginning to feel very uncomfortable.

The stranger moved his fishing boat towards Ellis and stopped within shouting distance. "Are you Ellis Severiette, a captain with the California Division of Forestry?" Bewildered, Ellis replied with an affirmative wave. "An all-points bulletin was sent out over marine radio for you. They have some fires and want you back on duty."

Ellis turned his boat towards home (leaving his serene freedom sinking into the ocean) and hastened back to his duty station.



Twenty-five years — Chuck Whisnand receives a 25-year service award from Assistant Deputy State Forester Joe Springer at recent San Diego ceremonies. Others receiving 25-year awards were Charles Toy, Floyd Lewis, William Mitchell, and Ernie Balmforth. With Whisnand is his wife, Helen. Dave Logan (right) presented a watch from CDFEA to each award recipient.

Aerial reseeding

Plane spreads seed on burned-over area

By Bill McKenna

Riverside Daily Enterprise Staff Writer

Riverside—A low-winged monoplane swooped down out of the sky, leveled off and skimmed across the hill tops spreading hundreds of pounds of grass seed over the charred country side yesterday.

The specially designed crop-duster aircraft was being piloted by Ken Graff for Hemet Valley Flying Service, which had the contract with the state Division of Forestry for reseeding the burned-over watershed land located a few miles northeast of San Jacinto.

Starting at daybreak, Graff flew his little craft from an improvised dirt runway near the end of Castile Canyon Road and spread more than 800 hundred-pound sacks of annual rye grass seed over the 2,073 acres of brushland burned in a June 7 fire. The blaze was the first major wildland fire of the 1973 season in California.

From the flats

The burned area extends from the flats of the Soboba Indian Reservation through rolling foothills to the 3,800-foot level west of Angelus Peak.

"The various soil types and steep terrain make the area particularly vulnerable to soil erosion under heavy rainfall conditions," says forester Wal Turner, who is in charge of range and watershed management for the Division of Forestry in Southern California.

"Since the fall of 1956, the Division of Forestry has participated cooperatively in 125 revegetation projects, seeding over 1,067,000 acres of burned watershed," he said.

The operation here consists of spreading eight pounds of rye grass per acre of land. Annual rye grass is the most common species used in emergency revegetation seeding, Turner explained.

"It is used because it germinates and grows relatively fast in the fall, developing a large fibrous root system, which makes it well suited for erosion control."

Although the growing of a herbaceous cover is not a guarantee against all possible flood damage, Turner said it will help protect the soil under normal conditions of rainfall until the time the cover of native

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Teaching mother nature

CDF, Ecology Corps restore harvested Sequoia lands

By Richard Ford

Headquarters, South Sierra District

Fresno—Forest workers are teaching mother nature a couple of tricks in restoring newly harvested timberlands in Sequoia national forest.

Over three square-miles of high-quality forest croplands are included in special work areas on Converse Mountain and near Stony Creek in Hume Lake District.

The job has been going on since early October, but three work crews are involved in a race against winter. At this 7500-foot elevation, snow piles eight-feet deep and the wintery blanket remains until June.

Logging slash is being piled and burned in clearings at the rate of about 50 acres a day by each crew - so far 900 acres have been cleared. If the good weather holds through November, the entire fuel-reduction project will be completed by then, according to Larry Benik, assistant fire control officer for the Hume Lake District.

Benik also added that the ash from the burned slash carried into the ground during the winter will provide a soil booster for the young seedlings to be planted early next fall.

Selective restocking

Another lift for the next harvesting cycle is the selective restocking program planned for the area. The young trees transplanted are already two years old. Benik said the transplants will get a strong head-start on natural regeneration and will be spaced to insure total first-year stocking of the harvested areas.

First trial

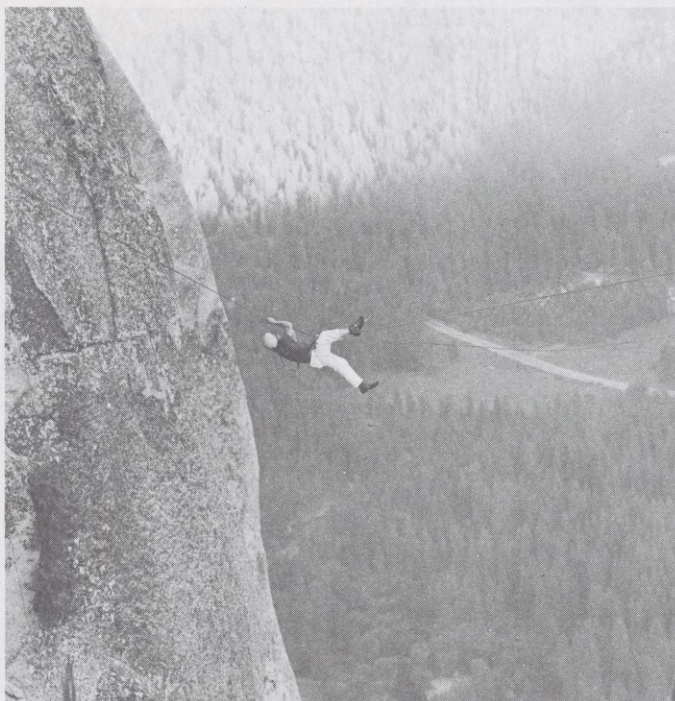
"This is our first trial as a fire season project," Benik said. "It's usually done after the season has ended, but this year we had too much cleaning up to wait. Last year, only 700 acres of slash were burned."

The large scale 2000-acre project required a revised plan for slash disposal. Funds were earmarked directly from each timber sale in the area to insure cleanup, site preparation, and restocking, but supervised work forces have been lacking despite the arrival of favorable weather.

Sequoia forest personnel put together a crew and hired eight PEP workers under the federal government's work incentive program.

However, the major

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A tyrolean traverse - That's what it's called. The corpsman pictured is a member of the California Ecology Corps Rescue Team who is undergoing training in advanced mountain climbing and rescue techniques in Yosemite National Park.

Four points

Hunter urges new Lake plan

Lakeport—A four-point cooperative land-management plan for Lake County has been urged by Ray B. Hunter, director of the California Department of Conservation.

Described by Hunter as "perhaps the pilot model for other expanding, rural counties in California," the new plan would:

1. Establish an 80-man Ecology Corps Center in the county to assist in the "selective improvement" of wildlife and recreational facilities.
2. Encourage controlled spring burning of chaparral land and then its reseeding with grass.
3. Convert brushland to productive grazing land and to effective watershed-protection and recreational land.
4. Support the creation of Lakeport Lake to provide flood control, irrigation and domestic water, and recreational facilities within the Scotts Valley watershed.

Schedule A

Structural fire committee named

Ione—An eight-member structural-fire training standards committee is now headquartered here at the CDF Fire Academy. The primary mission of the committee is to develop training standards for Schedule A operations throughout the state.

Members of the committee include: Chairman Richard Tiller, Fire Academy; William Clayton and Norman Silver, North Coast District; James Simmons, Sierra Cascade District; John Miller and Kenneth Karle, South Sierra District; Harry McAuley, Central Coast District; and William Lord, Southern California District.

David Hubert, Southern California District, is assisting the committee as an illustrator.

The committee has scheduled statewide distribution of a handbook early next year. Subjects to be covered include ropes and knots, hose and appliances, ladders, breathing apparatus, fire extinguishers, and resuscitators.

It's yesterday once more....



An all-girl crew—Women firefighters are receiving a lot of publicity lately, as if females were new to wildland fires. Here's proof that CDF was in the lead some years ago. Perched on and in the truck are Gladys and Mildred Rougeout who were part of an all-girl crew at the Mustang Fire Station during the 1943-44 fire season. Gladys, now postmistress of Bradley, retains her ties with CDF through her daughter, Darlene Floyd, who is the cook at the Bradley Fire Station.

Perris ranger lives in emergency world

Perris—Ranger Gary W. Gilbert lives in a world of emergency situations. He is head of the district communication center here for the State Division of Forestry.

This 29-year-old fireman operates from a small room filled with electronic devices, radio equipment and tape recorders, from which he supervises fire operations from Corona to Blythe.

The lives of more than 180,000 people living in the unincorporated areas of Riverside County depend on the efficiency of Gilbert's staff of seven dispatchers, who handle as many as 40 emergency calls a day.

Gilbert's domain

Gilbert's domain spans millions of acres of rural area, much of it important watershed land which comes under the protection of the Division of Forestry. It also runs the county fire department under contract with the county Board of Supervisors.

Forty-nine fire stations and a company of 1,500 state and county firemen are part of the network of emergency services overseen by Gilbert from his Perris headquarters.

Since the fire season began early in May, state and county firemen have responded to 2,791 fire calls, Gilbert said yesterday.

Not all emergencies are fires, says Ranger Gilbert. Many county fire stations have rescue

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Cummings nets perfect score

Stockton—Eugene C. Cummings of the San Mateo-Santa Cruz Ranger Unit, recently completed the Governor's Multimedia Defensive Driver Training course - he and 20,640 others last fiscal year.

What makes Cummings unique, however, is that he is one of only nine state employees to achieve a perfect score on a test required of all students. Or to put it another way: a perfect score is achieved only every 2,300 times.

In congratulating Cummings, Director Ray Hunter wrote:

"Safety, whether behind the wheel or elsewhere on the job, is of paramount concern to me. I am pleased to know that you obviously share that concern."

Kozusko studies limited-term job

Sacramento—Why are limited-term fire crew foreman positions in CDF not being filled?

John L. Kozusko of the personnel office has been given the job of finding the answer.

His objective will be to determine methods of staffing the limited-term assignments without adding either new positions or creating manpower shortages in other CDF areas.

Ask the Governor



Dear Governor:

In your open letter to state employees, October 1973, concerning pay raises, you said, "It is inequitable and unfair to make them (state employees) suffer twice for circumstances over which they have no control."

Don't you think it was inequitable and unfair to make us suffer once when you refused our pay raise for fiscal 1971-72 when there was sufficient money to justify a raise?

I believe it would be proper for you to backdate our current pay raise to July 1, 1972 to take care of the first inequity. If you would do this, you wouldn't have to try to justify a pay raise for this year.

I request you publish this and your answer in "Your State Job" as all state employees would be interested in your answer.

John Rodina
Roseville

For a reply....

Questions should be addressed to Ask the Governor, Governor's Office, State Capitol, Sacramento, California 95814. Preference for publication will be given to questions of interest to a substantial number of state employees. However, all questions will receive a response if name and return address are included.

Dear Mr. Rodina:

Thank you for your recent letter concerning state employee salary increases. I understand the concern of all state employees about the Cost of Living Council's failure to approve the full amount of the salary increase included in the budget act.

However, the statement in your letter concerning the failure of state employees to receive a salary increase in 1971-72 is based on the inaccurate premise that I refused the pay raises that year when there was "sufficient money to justify such an increase."

You should know that in fiscal 1971-72 our state government was in dire financial straits. We faced the prospect of issuing registered warrants since for many months it appeared that we would not have money to pay our bills. There was simply no way that I could have recommended a raise for state employees at that time. I asked each and everyone to tighten his belt. Our employees were understanding and they did so.

Your suggestion that I backdate our current pay raise to 1971-72 is exactly what we are attempting to have the Cost of Living Council do. Had we granted an increase of 6% in that year and had the increase been compounded in the next 2 years, our current request would be well within the Cost of Living Council guidelines. In our appeal of the Cost of Living action, we have said, "it is grossly unfair to ask state employees to continue to tighten their belts for a situation which occurred two years ago and over which they had no control."

We have taken and will continue to pursue every possible administrative and legal course of action to assure that state employees receive the full amount of the salary increase passed by the Legislature and signed by me in budget act.

I have also signed a bill reserving the money, so that it cannot be used for any other purpose.

Ronald Reagan
Governor



YOUR STATE JOB

NEWS AND VIEWS FROM THE EXECUTIVE BRANCH

Meet PIMS

California now has more than 155,000 state employees. The complex task of hiring, paying, maintaining and retiring this work force currently is divided between separate systems developed by the State Personnel Board, State Controller's Office, Public Employees Retirement System and California State University and Colleges.

These systems are creaking under the burdens of an ever-increasing workload and cumbersome methods of exchanging information. Maintaining duplicate personnel data in four rosters is inefficient and costly -- not to mention slow.

To remedy these shortcomings, the legislature provided funding in the current fiscal year to begin development of a new centralized personnel-payroll-retirement documentation and processing system for state government. This system, which will utilize a single data-base file, will be called the Personnel Information Management System (PIMS).

Development of PIMS is under the administrative direction of the State Controller's Office. Participating jointly in the project are the State Personnel Board, Public Employees Retirement System and the California State University and Colleges.

Headquarters for the PIMS staff is 520 Capitol Mall, Room 500, Sacramento. The California State University and Colleges unit is located at 5670 Wilshire Boulevard, Suite 1050, Los Angeles.

More on deferred compensation

Considerable interest has been evidenced by state employees in the Deferred Compensation Plan, outlined in the October 1973 issue of *Your State Job*.

Work is well underway on the final details of the plan, although a date for the opening of enrollment has not yet been announced.

For those of you who missed the earlier explanation, the aim of the plan is to allow you to defer until retirement receiving and paying taxes on part of your income. Participation in the plan will be entirely voluntary and

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Benefits project underway

The concept of Total Equivalent Compensation (TEC) will be converted into a program of benefits for state employees by the newly launched TEC project. Goal of the effort is a legislative package intended to take effect at the start of the 1974-75 fiscal year, next July 1.

TEC evolved from the independent study of state government's pay and benefits policies which was conducted by the consulting firm of Cresap, McCormick and Paget for the State Personnel Board.

Cresap, McCormick and Paget was highly critical of the existing piecemeal legislative approach which does not take into account the balance between the needs of employees and the financial ability of state government. The result, said the consultants, has been serious inequities.

To correct the situation, Cresap, McCormick and Paget recommended that the state adopt the TEC concept. It is a system for evaluating salaries and benefits, both together and individually, with the objective of providing a fair and balanced program in terms of prevailing practice in both the public and private sectors. Total dollar cost to the employer of having the employee on the payroll is the yardstick for TEC.

After public hearings, the State Personnel Board recommended to James G. Stearns, secretary for Agriculture and Services and Governor Reagan's employee relations representative, that the state adopt the TEC concept.

Secretary Stearns submitted the matter to the Cabinet for review and was authorized to proceed with the TEC project. The action was in keeping with Governor Reagan's pledge, in vetoing various employee benefits bills this year, that a legislative package would be introduced early in 1974.

Selected by Secretary Stearns to manage the TEC project was John Swanson, a member of the Employer-Employee Relations Unit and a career state personnel officer with more than 20 years service. He has assembled a staff which includes representatives from the State Personnel Board,

Continued on page 6



Films for television—An Ecology Corpsman prepares to release fingerling trout into the American River while cameraman Ken Chaney films the process. A series of Ecology Corps "commercials" has been produced for the Division of Forestry to aid in recruiting and to make the Corps better known in California.

Ecology Corps "shot" for television spots

Sacramento—Four films have been produced for the California Ecology Corps by the Office of Public Affairs. The films were made in 30- and 60-second lengths to promote the Ecology Corps on television.

Two films, made at the Del Norte Ecology Center, show Corpsmen planting seedlings along the coastline.

The other two were filmed in El Dorado Co. with the use of ecology crews from the Placer and Calaveras centers. One film depicts the release of fingerling fish by corpsmen into the American River; the other shows a search by corpsmen and the Corps rescue team for a lost 4-year-old boy.

The search, however, was only a simulated one for filming purposes, with Eric Bane, the son of Office of Public Affairs delineator Bernie Bane, starring as the lost child.

Script writing and film direction were the work of Bill Welty, and Terry Bennett, both members of the public affairs staff. Camera and production work was performed by Ken Chaney, Department of Water Resources.

Moran elected

Sacramento—State Forester L. A. Moran was elected vice president of the National Association of State Foresters at the association's annual meeting last month in North Carolina.

Reseeding....

From page 3

vegetation can reestablish itself.

"It is imperative that seeding be completed prior to the onset of fall rains as the gentle rains aid in seed germination and establish the grass cover, thus stabilizing the soil before the arrival of heavy winter rains."

Native species

Native brush species - chamise, sagebrush, buckwheat and sage - will recover the area in a two to three year period. The chamise has already shown new growth, Turner said.

While the seeding was in progress, Turner and ranger Russell F. Bockhop spot-checked the area to determine seed distribution and patterns to insure uniform coverage. This included periodic checking of the number of seeds per square foot.

The Soboba Indian Reservation project involved cooperation from such agencies as the Bureau of Indian Affairs, Bureau of Land Management, United States Forest Service, Riverside County Flood Control District and the CDF.

The cost of seeding, about \$5 per acre, is borne by the Bureau of Indian Affairs for Indian lands and the Riverside County Flood Control District and the state Division of Forestry, sharing equally, on privately owned lands.

Dunton retires: 28 years service

Fresno--Edward Dunton retired from CDF recently under disability after a 28-year firefighting career.

Dunton began his state service in San Diego in 1943, and later served in the Navy. He returned to the San Diego Ranger Unit after World War II. In 1952 he became chief of the Rancho Santa Fe Fire Protection District.

Two years later, Dunton returned to CDF, joining the Humboldt Ranger Unit as a forest fire fighter foreman. In 1957 he transferred to the Fresno Ranger Unit as a battalion chief assigned to the Tranquillity District of the Mid-Valley Fire District.

Sierra holds dinner-dance

Fresno--Firefighters and their friends "invaded" Fresno recently for the South Sierra District annual dinner-dance and golf tournament.

Winning trophies in their respective divisions were: James Gahagen, Fresno Ranger Unit; Charles Wauhob, Tulare Ranger Unit; Lou Perez, Morena Conservation Camp; Doug O'Bannon, North Central Fire District; and Don Knowlton, retired CDF.

Emergency....

From page 4

units and perform public services, ranging from first aid to cleaning up water from a leaky hotwater heater.

Some of the county station volunteers provide free ambulance service, such as the Sunnymead station, where volunteers make emergency ambulance runs almost daily — sometimes several times in one day.

Without charge

"These are public services offered to the public without charge, and without cost to the county or state," Gilbert said.

During his duty as chief communications officer in Ranger District 6, Gilbert's responsibility goes beyond emergency work.

His staff handles as many as 1,000 telephone calls a day, ranging in scope from a complaint about a neighbor's weed patch to inquiries about weather conditions.

Gilbert also has responsibility for seeing that the communications centers in Indio and Blythe are operating.

While he is deeply involved in communication, Gilbert says his first duty is to be a fireman... "A fireline fireman with hardhat and all," he said.

Riverside Daily Enterprise

Geothermal resources subject of new book

Sacramento--California's geothermal resources -- their availability and potential use as an energy source -- are the subject of a new pamphlet released recently by the Division of Oil and Gas.

The publication, "Geothermal Energy in California," shows the state's known geothermal areas and uses photographs to explain some of the technical operations of a geothermal field.

Geothermal heat, according to the pamphlet, is believed to originate from radioactive decay deep within the earth. This heat transforms subterranean waters into steam or hot water that can be used to generate power.

At present, The Geysers geothermal field in the northeast corner of Sonoma county, is the only area in the United States where geothermal energy is being harnessed. An undeveloped, but potentially important geothermal field is in the Salton Sea area. If harnessed, this energy might be used to desalinate water, providing fresh water to the Imperial Valley, one of the state's main agricultural areas.

Copies of the pamphlet are available at division offices in Long Beach, Santa Paula, Santa Maria, Bakersfield, Coalinga and Woodland, and at division headquarters, 1416 9th Street, Sacramento 95814.

CDF fireman saves tot

Laguna Hills--Michelle Tyler turned one-year-old recently after surviving an apparent brush with death.

Immediate and correct reaction by two neighbors to an emergency was cited by her mother, Mrs. Joan Tyler, with saving the girl's life.

Gary Stewart, an off-duty CDF fire apparatus engineer, and George Giddens responding to the mother's screams for help twice brought back life into the unconscious, still body of the little girl.

"I thought she was dead," the mother said, "I can't say enough to thank those men. They saved my daughter's life."

Mrs. Tyler was home alone at about 10:45 p.m. with Michelle and her son, Mike, 4, when the girl began running a fever in excess of 100 degrees, went into convulsions and lapsed into unconsciousness with no sign of life, she reported.

Stewart was first to respond, applying mouth-to-mouth breathing and then heart massage. Michelle revived briefly but then lapsed back into unconsciousness.

Giddens quickly repeated the life-saving measures and the girl revived again.

She was taken to Mission Community Hospital, treated for a viral infection and released to spend her first birthday at home, sick but alive.

Orange County Register

Compensation....

From page 5

will have no effect on regular retirement or Social Security contributions and benefits.

Money designated as deferred compensation will be withheld from the pay of those of you electing to participate in the plan. It will be invested by the state and payments on retirement or separation from state service will include both principal and interest.

Whether you will want to use the plan will depend on your individual income situation, tax considerations and personal desires.

Benefits....

From page 5

Public Employees Retirement System and Department of Finance.

Swanson and his staff will consult with employe organizations, legislative committees concerned with employe benefits and with Cresap, McCormick and Paget's own experts in developing the proposals.

Adoption of the TEC concept was one of the most important and far-reaching actions taken by state government since the establishment of the civil service system. It involves the sensitive subject of salaries and benefits for more than 100,000 employes and an annual cost of more than \$1.25 billion.



Logging trash disposal — CDF foreman Ron Graham supervises members of an Ecology Corps spike camp crew as they remove hazardous logging trash in the Sequoia National Forest. Three square-miles of forest cropland are included in special Converse Mountain and Stony Creek work areas.

Personnel transactions

MANAGEMENT SERVICES

Personnel

Promotions—Early Urakawa, Personnel Assistant III - no change in location - Sacramento.

Appointments—Janis Waybright, Clerk Typist II, Sacramento.

Transfers—Debbie Weis, Personnel Assistant I, transfer to Department of Rehabilitation.

DIVISION OF MINES AND GEOLOGY

Promotions—Geo. Aid Roald Bendixen, Sac. Dist. Off. to Jr. Geo., Los Angeles Dist. Off.

Reassignments—Assoc. Geo. Carl Hauge to Geodata Officer; Sr. Geo. Mary Hill to Geodata Editor.

Appointments—Roger W. Sherburne to Assoc. Geo., Sac. Dist. Off.; Sue Ellen Torres to CT II, Los Angeles Dist. Off.; Beth Hardesty to CT II, Hdqtrs.; Jay Power to Jr. Geo., Sac. Dist. Off.

Separations—Steno II Sharon Burton, Hdqtrs.; Steno Jackie Jann, San Francisco.

DIVISION OF FORESTRY

North Coast District

Promotions—CT I Carol J. Eckerson to CT II, Lake-Napa RU; FC Johnnie D. Upton to FCF, Chamberlain Creek; FF Kurt P. Schieber to Fmn CDF, Sonoma RU; FF Felipe Guevara to Fmn CDF, Sonoma RU.

Appointments—Stephen J. Cazaurang to Fmn CDF, Sonoma RU; James A. Wood to Fmn CDF, Sonoma RU; Wesley G. Maston to Fmn CDF, Sonoma RU; Loyde F. Johnson to Fmn CDF, Sonoma RU; FC Jack W. Wiest to SFR I San Bernardino RU (Sch. A Trng. Off.).

Transfers—FCF Miner E. Cole, Jr., to Konocti.

Reinstatements—Daniel G. Dulitz to FAE, Mendocino RU;

John S. Watt to FAE, Humboldt RU; Lawrence A. Johnson to FAE, Humboldt RU.

Separations—Fmn, CDF Leland J. Sandahl, Sonoma RU.

Central Coast District

Promotions—FAE Gilbert D. Fry, San Mateo-Santa Cruz RU to FC in Sierra Cascade Dist.

Transfers—EMF William F. Busse, Santa Clara RU to South Sierra Hdqtrs.; FC Donald Lane, San Mateo-Santa Cruz RU to South Sierra Dist.

Retirements—HFEO George F. Stote, San Luis Obispo RU.

South Sierra District

Appointments—Kenny E. Keyser to FAE, Fresno RU; Michael G. Weger to FAE, Tulare RU.

Transfers—SFR II James G. Dykes from Admin. Off. to Oper. Off. within Tuolumne-Calaveras RU; SFR II William W. Van Dusen from Oper. Off. to Admin. Off. within Tuolumne-Calaveras RU; FAE Michael C. Gualtieri to Amador-El Dorado RU; FAE Dennis R. McDowell from Fresno to Amador-El Dorado RU.

Separations—FAE Thomas F. Bales, Tulare RU.

Sierra Cascade District

Promotions—FAE Delbert R. Hawkins, Tehama-Glenn RU to FC So. Calif. Dist.; FAE Gilbert D. Fry, Tehama-Glenn RU to FC Central Coast Dist.

Transfers—FAE Eric L. Simpson, Tehama-Glenn to Shasta Trinity RU; FAE A. J. Haggard, Siskiyou to Butte RU; FAE Patrick A. Mahaffey, Butte to Fresno-King RU; FAE Jan P. Moeller, Butte to Lake-Napa RU; HEM Rodney R. Gravink, Butte RU to Davis Equip. Fac.; FC Donald G. Lane, San Mateo-Santa Cruz to Placer-Nevada RU; Deborah A. Hamby, Acct. Clk. II, Dist. Hdqtrs. to Dept. of Rehabilitation, Redding; FAE Raymond W. Swett to Butte RU from Dept. of Corrections.

Reinstatements—FC Robert R. Carroll to FCF, Crystal Creek CC.

Retirements—FC Euel Hilton, Tehama-Glenn RU.

Southern California District

Promotions—W.A. Alston to FAE, Riverside; B.G. Bray, G.J. Ungricht, C.R. Spicer, K.C. Conkling, L.V. Rambo, T.S. Ricker, and S.C. Snyder all to FAE, Orange RU; J.F. Bartlett III and Daniel P. Chester III to FAE, San Bernardino RU; J.S. Abbott and M.A. Fechner to FC, Orange RU; D.R. Hawkins to FC, San Diego RU; C.P. Barta, T.J. Bettis, W.C. Matzen and C.E. Marin III all to Fmn, CDF, Orange RU.

Appointments—D.L. McCarty, M.S. Teague, H.A. Williams, K.T. Coombs and G.D. Lusher to Fmn, CDF, Orange RU.

Transfers—HEM C.H. Will to San Diego RU.

Separations—Fmn, CDF L.O. Hunter, Jr., Orange RU.

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EXAMINATION CALENDAR

Class	Final Filing Date	Exam Date
Division of Forestry		
Assistant Civil Engineer (Riverside)	Dec. 7	Dec. 29
Fire Captain	Dec. 28	Jan. 19

Division of Oil and Gas

No Examinations

Division of Mines and Geology

Associate Seismologist Continuous testing

Executive and Management Services

No Examinations

No other examinations have been scheduled with a final filing date of December 1, 1973 or later. Please do not submit applications for the examination listed above until the examination bulletin has been released.

Staff's earthquake duties

By Carl Hauge
Division Geodata Officer

Sacramento—Division of Mines and Geology has published a plan outlining the duties of each of its staff members in the event California undergoes a damaging earthquake.

The plan has been distributed to each staff member so that he or she may learn what his response is to be under several possible post-earthquake conditions.

Even though it is impossible to foresee every post earthquake condition that may occur, the division hopes that the knowledge of such a plan will allow its staff to continue performing its mission after such a disaster.

The immediate and overriding role of the division after a

damaging earthquake is to apply its collective geotechnical expertise for the safety and benefit of the public.

Hillslides and slopes in developed areas that may have been sufficiently weakened to be susceptible to failure triggered by subsequent shocks are of particular concern.

The plan points out that all potential hazards to people or public works should immediately be brought to the attention of authorities responsible for evacuating people and abating such hazards.

Acting Division Chief James Slosson said, "We know we can't plan for all the possibilities. Our hope, however, is that such a plan will better prepare us to increase the safety of the public following a damaging earthquake."

Lands restored....

From page 3

breakthrough came in arranging a contract with the California Ecology Corps for a work crew to camp at the slash disposal site. The 12-man corpsman team from Calaveras Center, near Angels Camp, was moved into the forest's Horseshoe Meadows camp in early October and has literally lived on the job ever since.

Ten days

Corpsmen, under the supervision of Ron Graham, CDF fire crew foreman, work ten days in a row and then are off for four. Jeff Johansen, corps crew leader, describes the task as confining and isolated, but productive.

"Life here becomes repetitious and boring even though the crew has converted a former office into an improvised recreation room. Everything is closed down around us. There is no outside activity and it's even hard just getting mail delivered," said Johansen. "Mostly we just pass the time by talking to one another," he said.

A native Fresnan, Johansen graduated from Fresno high school and attended Fresno City College for two years before entering the Ecology Corps.

Foreman Graham indicated the corpsmen handle their jobs well although it's a new experience for most members. "They enjoy the mountain setting as a work location and have really learned to get along with each other. Living closely together in virtual isolation for ten days at a time has been a unique experience, requiring each to adjust to live with the other crew members."

Two for one

Sciacqua shares "fireman" award

Madera—Bart Sciacqua, Madera-Mariposa Ranger Unit, and Joseph McKee, Madera deputy fire chief, shared "Fireman of the Year" awards made by the Madera Exchange Club last month.

Selection was based upon "heroism, outstanding leadership of youth, leadership within the department, outstanding performance of duties and playing a key role in fire prevention." This is the Exchange Club's second annual selection of "Fireman of the Year". The award is made during National Fire Prevention Week.

Sciacqua, a 12-year CDF veteran, was responsible for the management of six fire stations and the supervision of 16 fire apparatus engineers. He directed men and equipment during the majority of the department's emergency responses this year.

Slosson....

From page 1

Engineering Geologists, and is a member of 11 other professional, scientific, and academic societies.

Other activities by Slosson include membership on earthquake advisory and research committees and institutes.

His publications include those concerning the role of geology in urban planning, and the reduction of earthquake hazards through master-plan design.

Personnel

Forester exams are now "open"

By Donald H. Cully

Personnel Office

The examination plan published in the October issue of *Communique* was described as a plan or a guide which would be responsive to management's needs and program changes.

With the implementation of the Forestry Practice Act, it has become apparent that the existing lists of those eligible for Forester I and Forester II positions will be exhausted much sooner than originally planned. To meet increased needs, therefore, examinations for these classes are now being scheduled on an "open basis with a promotional feature for Department of Conservation employees.

The Personnel Board has been requested to establish eligible lists by no later than May 15, 1974. As soon as the final filing dates and examination dates are available, they will be published in the *Communique*.

Konklin appointed To school board

Coarsegold—Fritz Konklin of the Madera-Mariposa Ranger Unit, recently was appointed a trustee of the newly-formed Eastern Madera County High School District. With 12 years prior experience as a member of the Coarsegold Elementary School Board, Konklin will serve until an election is held next spring.

Conservation

Richard Ford receives award

Bakersfield—Richard T. Ford, information officer for CDF's South Sierra District, received the California Conservation Council Merit Award at the group's 39th annual conference held here last month.

Ford was cited for "outstanding performance" during his decade of service in conservation education. The award, presented by Council President Ed Dolder, gives special recognition to professional conservation workers.

The California Conservation Council is a nonprofit, volunteer organization composed of volunteer and professional people working to promote conservation education and encourage cooperation in conservation activities.

John Combs is honored

El Cajon—John M. Combs Sr., has been named "Fireman of the Year" for the San Diego Ranger Unit.

Combs was honored for "outstanding and extra-ordinary action" on a fast-moving brush fire named "Stagecoach" at Barrett Junction in August 1972.

Combs was nozzle man on a crew fighting the fire when the wind direction changed and forced the crew to retreat. Combs stayed on the nozzle allowing the other men to pull back but the fire cut him off from escape and he sought refuge in a depression as the fire went over him.



Sciacqua shares award — Fire Captain Bart Sciacqua of the Madera-Mariposa Ranger Unit (right) and Joseph McKee, Madera deputy fire chief recently accepted "Fireman of the Year" awards from the Madera Exchange Club.